



Environment Testing
TestAmerica

1

ANALYTICAL REPORT

RECEIVED

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Tel: (602)437-3340

MAR 8 3 2020

Initial: 26

Laboratory Job ID: 550-139602-1
Client Project/Site: First Mesa Consolidated Villages (56162)

For:
Mohave Environmental Laboratory
2580 Landon Dr
Suite A
Bullhead City, Arizona 86429

Attn: Sheila Poff

Mary H. Charlson

Authorized for release by:
3/20/2020 2:16:50 PM

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Expert

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Job ID: 550-139602-1

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

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Laboratory: Eurofins TestAmerica, Phoenix

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Narrative

Job Narrative
550-139602-1

Comments

No additional comments.

Receipt

The samples were received on 3/19/2020 9:10 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 1.9° C.

Metals

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Sample Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
550-139602-1	EP001-West Well #8 (56162-01)	Drinking Water	03/17/20 09:17	03/19/20 09:10	
550-139602-2	EP001-East Well #5 (56162-02)	Drinking Water	03/17/20 09:05	03/19/20 09:10	

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Detection Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Client Sample ID: EP001-West Well #8 (56162-01)

Lab Sample ID: 550-139602-1

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.019		0.0010	mg/L	1		200.8	Total/NA

Client Sample ID: EP001-East Well #5 (56162-02)

Lab Sample ID: 550-139602-2

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.016		0.0010	mg/L	1		200.8	Total/NA

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This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Client Sample ID: EP001-West Well #8 (56162-01)

Date Collected: 03/17/20 09:17

Date Received: 03/19/20 09:10

Lab Sample ID: 550-139602-1
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.019		0.0010	mg/L		03/19/20 18:54	03/20/20 02:27	1

Client Sample ID: EP001-East Well #5 (56162-02)

Date Collected: 03/17/20 09:05

Date Received: 03/19/20 09:10

Lab Sample ID: 550-139602-2
Matrix: Drinking Water

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.016		0.0010	mg/L		03/19/20 18:54	03/20/20 02:29	1

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QC Sample Results

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 550-205824/1-A
Matrix: Water
Analysis Batch: 205836

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 205824

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0010		0.0010	mg/L		03/19/20 18:54	03/20/20 02:13	1

Lab Sample ID: LCS 550-205824/3-A
Matrix: Water
Analysis Batch: 205836

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 205824

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.100	0.0905		mg/L		91	85 - 115

Lab Sample ID: LCSD 550-205824/4-A
Matrix: Water
Analysis Batch: 205836

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 205824

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.100	0.0866		mg/L		87	85 - 115	4	20

Lab Sample ID: 550-139600-A-1-A MS
Matrix: Water
Analysis Batch: 205836

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 205824

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.013		0.100	0.104		mg/L		91	70 - 130

Lab Sample ID: 550-139600-A-1-B MSD
Matrix: Water
Analysis Batch: 205836

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 205824

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.013		0.100	0.108		mg/L		95	70 - 130	3	20

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QC Association Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Metals

Prep Batch: 205824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-139602-1	EP001-West Well #8 (56162-01)	Total/NA	Drinking Water	200.8	
550-139602-2	EP001-East Well #5 (56162-02)	Total/NA	Drinking Water	200.8	
MB 550-205824/1-A	Method Blank	Total/NA	Water	200.8	
LCS 550-205824/3-A	Lab Control Sample	Total/NA	Water	200.8	
LCSD 550-205824/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	
550-139600-A-1-A MS	Matrix Spike	Total/NA	Water	200.8	
550-139600-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	

Analysis Batch: 205836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
550-139602-1	EP001-West Well #8 (56162-01)	Total/NA	Drinking Water	200.8	205824
550-139602-2	EP001-East Well #5 (56162-02)	Total/NA	Drinking Water	200.8	205824
MB 550-205824/1-A	Method Blank	Total/NA	Water	200.8	205824
LCS 550-205824/3-A	Lab Control Sample	Total/NA	Water	200.8	205824
LCSD 550-205824/4-A	Lab Control Sample Dup	Total/NA	Water	200.8	205824
550-139600-A-1-A MS	Matrix Spike	Total/NA	Water	200.8	205824
550-139600-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Water	200.8	205824

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Lab Chronicle

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Client Sample ID: EP001-West Well #8 (56162-01)

Lab Sample ID: 550-139602-1

Date Collected: 03/17/20 09:17

Matrix: Drinking Water

Date Received: 03/19/20 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			205824	03/19/20 18:54	MGM	TAL PHX
Total/NA	Analysis	200.8		1	205836	03/20/20 02:27	ARE	TAL PHX

Client Sample ID: EP001-East Well #5 (56162-02)

Lab Sample ID: 550-139602-2

Date Collected: 03/17/20 09:05

Matrix: Drinking Water

Date Received: 03/19/20 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200.8			205824	03/19/20 18:54	MGM	TAL PHX
Total/NA	Analysis	200.8		1	205836	03/20/20 02:29	ARE	TAL PHX

Laboratory References:

TAL PHX = Eurofins TestAmerica, Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340

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Accreditation/Certification Summary

Job ID: 550-139602-1

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Laboratory: Eurofins TestAmerica, Phoenix

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0728	06-08-20
Nevada	State	AZ1030	08-09-20

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Method Summary

Client: Mohave Environmental Laboratory
Project/Site: First Mesa Consolidated Villages (56162)

Job ID: 550-139602-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL PHX
200.8	Preparation, Total Metals	EPA	TAL PHX

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

TAL PHX = Eurofins TestAmerica, Phoenix, 4625 East Cotton Ctr Blvd, Suite 189, Phoenix, AZ 85040, TEL (602)437-3340



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TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

139602

CHAIN OF CUSTODY FORM

Page 1 of 1

17461 Delian Avenue, Suite 100 Irvine CA 92614-5817 (949) 261-1022 / FAX (949) 266-2397
4625 E. Cottonwood Blvd., Suite 100, Phoenix, AZ 85040 (602) 437-3340 / FAX (602) 659-7672

Client Name/Address:

Mohave Environmental Laboratory

2580 Landon Dr, Suite A

Bullhead City, AZ 86429

Project Manager

Sheila Poff

Project Number

First Mesa Consolidated Villages

PO#

Phone Number (928) 754-8101

Email sheila@mohavelabs.com

Fax Number (928) 754-8103

Sampler A. Sakaya Jr

Sample Description

Sample Matrix

Container Type

of Cans

Sampling Date/Time

Preservation

Special Instructions

EPO1 West Well #8

dw

P

1

3/17/20 9:17 AM

h003

X

As 2008

56162-01

EPO2 East Well #5

dw

P

1

3/17/20 9:05 AM

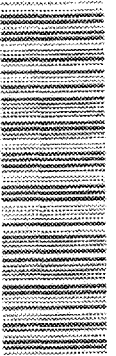
h003

X

56162-02

No DWAR needed

550-139602 Chain of Custody



Relinquished By

Date/Time

Received By

Date/Time

Turnaround Time (Check)

Relinquished By

Date/Time

Received By

Date/Time

Turnaround Time (Check)

Relinquished By

Date/Time

Received By

Date/Time

Turnaround Time (Check)

Note: By relinquishing samples to Test America, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

ATH

1/9/0

Login Sample Receipt Checklist

Client: Mohave Environmental Laboratory

Job Number: 550-139602-1

Login Number: 139602

List Source: Eurofins TestAmerica, Phoenix

List Number: 1

Creator: Gravlin, Andrea

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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2580 Landon Drive, Suite A
Bullhead City, AZ 86429
928-754-8101 Bullhead City
928-524-4635 Holbrook

RECEIVED

MAR 30 2020

Initials Lyf

Invoice

Invoice To:

First Mesa Consolidated Village
PO Box 260
Polacca, AZ 86042

Invoice Date 3/26/2020

Invoice# 94051

P.O.#

Due Date 4/25/2020

QTY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	03/17/2020		
1	West Well		
	Arsenic	25.00	25.00
1	Metals prep	15.00	15.00
	East Well		
1	Arsenic	25.00	25.00
1	Metals prep	15.00	15.00
Total Invoice Amount			\$80.00
Balance Due			\$80.00